PTO/SB/01A (10-00)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:									
This declaration is directed to:									
☐ The attached application, or									
Application No. 09/934,903, filed on AUGUST 22, 2001,									
as amended on (if applicable);									
I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;									
I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;									
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and									
All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.									
FULL NAME OF INVENTOR(S)									
Inventor one: QIONG CHENG									
Signature: CHINA P.R.									
Inventor two: MATTHEOS KOFFAS									
Signature: Citizen of: GREECE									
Inventor three: KELLEY C. NORTON									
Signature: Kolley C Nostern Citizen of: UNITED STATES									
Inventor four: JAMES M. ODOM									
Signature: Citizen of: UNITED STATES									

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Additional inventers are being named on <u>2 & 3RD PAGES</u>. additional form(s) attached hereto.

PTO/SB/02A (11-00)

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sh et Page <u>2</u> of <u>3</u>

Name of Additional Joint Inventor, if	any:		A petition has been	n filed	for this unsigned inventor	
Given Name (first and middle	a [if any])		Famil	y Nam	ne or Surname	
STEPHEN K.			PICATAGGIO			
Inventor's Stephen	2/.(j	sent.	agger Date 10/1/01			
Residence: City LANDENBERG	Stat PEN IA	te NNSYLVAN	Country UNITED STATES		Citizenship UNITED STATES	
Mailing Address 17 MEADOW W	OOD LAI	NE		_		
Mailing Address						
City LANDENBERG	State	PA	ZIP 19350	Cou	untry UNITED STATES	
Name of Additional Joint Inventor, if	any:		☐ A petition has been	n filed	for this unsigned inventor -	
Given Name (first and middle	e [if any])		Famil	ly Nan	ne or Surname	
ANDREAS			SCHŁ₁4ZLE			
Inventor's Signature	dren	Ü			Date 10/15/01	
Residence: City		te ERICH	Country SWITZERLAND		Citizenship GERMANY	
Mailing Address BADENERSTRA	1SSE 36:	3				
Malling Address						
City 8003 ZUERICH	State		ZIP	Cou	untry SWITZERLAND	
Name of Additional Joint Inventor, if	i any:		A petition has been	n filed	for this unsigned inventor	
Given Name (first and middle	e [if any])		Famil	ly Nan	ne or Surname	
JEAN-FRANCOIS				Т(омв	
Inventor's ##		_			Date 10 (1/0)	
Residence: City WILMINGTON	Sta DEI	te · LAWARE	Country UNITED STATES	(Citizenship UNITED STATES	
Mailing Address 627 HAVERHILL	L ROAD					
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City WILMINGTON	State	DE	ZIP 19803	Cor	untry UNITED STATES	

PTO/SB/02A (11-00)

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>3</u> of <u>3</u>

Name of Additional Joint Inventor, if	any:		☐ A petition has been	n filed	for this unsigned inventor	
Given Name (first and middle	e [if any]		Famil	y Nam	ne or Surname	
PIERRE E.	<u>.</u>			ROL	JVIERE	
Inventor's Signature Pune E)	low	ISME		Date 10-01-01	
Residence: City WILMINGTON	Sta		Country UNITED STATES		Citizenship FRANCE	
Mailing Address 737 TAUNTON	ROAD					
Mailing Address						
City WILMINGTON	State	DE	ZIP 19803	Cou	untry UNITED STATES	
Name of Additional Joint Inventor, it	fany:		☐ A petition has been	n filed	for this unsigned inventor	
Given Name (first and middl	e [if any])-	Famil	y Nan	ne o <u>r</u> Surname	
Inventor's Signature			Date			
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Name of Additional Joint Inventor, it	any:		A petition has been	n filed	for this unsigned inventor	
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Inventor's Signature					Date	
Residence: City	Sta	te	Country Citizenship			
Mailing Address						
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City	State		ZIP	Cou	intry	

09/934,903

AUGUST 22, 2001

KOFFAS ET AL.

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Application Number

First Named Inventor

Filing Date

ALITHO	RIZATI	ION OF AGENT	Title	Title		GENES INVOLVED IN ISOPRENOID COMPOUND PRODUCTION			
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_		Name			Reg	gistration Nu	mber		
		S. NEIL FELTHA	M			36,506			
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Name	ANDRE	AS SCHENZLE	· · · · · · · · · · · · · · · · ·				-		
Signature	91	a A K							
Date	10/15	-1011							
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Submit multiple forms if more than one signature is required, see below*.

PIERRE E. ROUVIERE

Name

Signature Date

*Total of 8 forms are submitted.

PTO/SB/81 (02-01)

09/934,903

AUGUST 22, 2001

KOFFAS ET AL.

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First Named Inventor

Filing Date

AUTHORIZATI	ON OF AGENT	Title		PRODUCTION ISOPRENOID COMPOUND				
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☑ Practitioner(s) named	d below:							
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NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.

SIGNATURE of Applicant or Assignee of Record

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PTO/SB/81 (02-01)
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GENES INVOLVED IN ISOPRENOID COMPOUND

09/934,903

AUGUST 22, 2001

KOFFAS ET AL.

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Application Number

First Named Inventor

Filing Date

Title

AUTHORIZATION OF AGENT	Title		PRODUCTION			
	Group Art Unit		UNKNOWN			
	Examiner Na	me	UNKNOWN			
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I hereby appoint: ☑ Practitioners at Customer Number OR	23906		PATENT TRADEMARK OFFICE			
☑ Practitioner(s) named below:			•			
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S. NEIL FELTHAM			36,506			
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Name JAMES M. ODOM	•					
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Filing Date

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AUGUST 22, 2001

KOFFAS ET AL.

PTO/SB/81 (02-01)

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First Named Inventor

AUTHO	ORIZAT	ION OF AGENT	Title	Title		GENES INVOLVED IN ISOPRENOID COMPOUND PRODUCTION		
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09/934,903

PTO/SB/81 (02-01)

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AUGUST 22, 2001 Filing Date **POWER OF ATTORNEY OR** First Named Inventor KOFFAS ET AL. GENES INVOLVED IN ISOPRENOID COMPOUND Title **AUTHORIZATION OF AGENT** PRODUCTION UNKNOWN **Group Art Unit** UNKNOWN **Examiner Name**

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	· .	SIGNATURE of Applicant	or Assignee	of Record	
Name	JEAN-FRANCOIS TO	MB			
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	Application Number	09/934,903		
	Filing Date	AUGUST 22, 2001		
POWER OF ATTORNEY OR	First Named Inventor	KOFFAS ET AL. GENES INVOLVED IN ISOPRENOID COMPOUND PRODUCTION UNKNOWN		
AUTHORIZATION OF AGENT	Title			
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		S. NEIL FELT	ГНАМ		36,506		
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AUGUST 22, 2001 Filing Date POWER OF ATTORNEY OR KOFFAS ET AL. First Named Inventor GENES INVOLVED IN ISOPRENOID COMPOUND PRODUCTION Title **AUTHORIZATION OF AGENT** UNKNOWN **Group Art Unit** UNKNOWN **Examiner Name**

Attorney Docket Number

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☑ Practitioners at Customer Number 23906			23906				
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	S. NEIL FELTHAM				36,506		
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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.							
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Assignee of record of the entire interest. See 37 CFR 3.71. Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).							
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Name	KELLEY C. NORTON						
Signature	Helley C. Norton						
Date 10/04/01							
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.							
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09/934,903

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AUGUST 22, 2001 Filing Date **POWER OF ATTORNEY OR** First Named Inventor KOFFAS ET AL GENES INVOLVED IN ISOPRENOID COMPOUND **AUTHORIZATION OF AGENT PRODUCTION Group Art Unit** UNKNOWN UNKNOWN **Examiner Name**

Attorney Docket Number

City State ZIP Country Telephone Fax I am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). SIGNATURE of Applicant or Assignee of Record Name QIONG CHENG Signature Date Sept. 2 200 NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.								
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Name Registration Number S. NEIL FELTHAM 36,506 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Please change the correspondence address for the above-identified application to: The above-mentioned Customer Number OR Practioners at Customer Number OR Firm or Individual Name Address City State ZIP Country Telephone Fax I am the: Applicant/inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). SIGNATURE of Applicant or Assignee of Record Name QIONG CHENG Signature Other individual Name of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.	OR						PATENT TRADEMA	RK OFFICE
S. NEIL FELTHAM 36,506 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Please change the correspondence address for the above-identified application to: The above-mentioned Customer Number OR Practioners at Customer Number OR Firm or Individual Name Address City Country Telephone Fax I am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/95). SIGNATURE of Applicant or Assignee of Record Name QIONG CHENG Signature OR QIONG CHENG Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.	☑ Practitioner(s) named below:							
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United States Patent and Trademark Office connected therewith. Please change the correspondence address for the above-identified application to: The above-mentioned Customer Number OR Practioners at Customer Number OR Firm or Individual Name Address City State ZIP Country Telephone Fax I am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). SIGNATURE of Applicant or Assignee of Record Name QIONG CHENG Signature Date Date Sept. 27 2001 NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.		S. NEIL FELTHAM			36,506	1		
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☑ *Total of <u>8</u> forms are submitted.								

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

CHENG ET AL.

CASE NO.: CL1646 US DIV

APPLICATION NO: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

TITLE: GENES INVOLVED IN ISOPRENOID COMPOUND PRODUCTION

Assistant Commissioner for Patents Washington, D.C. 20231

DECLARATION OF BIOLOGICAL CULTURE DEPOSIT

Sir:

I, S. Neil Feltham, declare that:

I am an attorney of record for the owner of the above-identified application.

Cultures of the following biological materials have been deposited with the following international depository:

American Type Culture Collection (ATCC)

10801 University Boulevard, Manassas, VA, 20110-2209, U.S.A.

under conditions that satisfy the requirements of the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure. A copy of the receipt issued pursuant to Rules 7.3 and 10.2 (stating the term of the deposit) is attached.

Depositor's Identification of Organism	International Depository Accession Number	Date of Deposit
Methylomonas: Methylomonas 16a sp.	PTA-2402	August 22, 2000

I further aver that all restrictions on the availability to the public of the culture will be irrevocably removed upon the granting of a U.S. patent on the above-identified application.

Respectfully submitted.

S. NEIL FELTHAM

ATTORNEY FOR APPLICANTS REGISTRATION NO. 36,506

TELEPHONE: (302) 992-6460

Dated: 1/3/03 Enclosure: Deposit Receipt

ATCC

10801 University Blvd ● Manassas, VA 20110-2209 ● Telephone: 703-365-2700 ● FAX: 703-365-2745

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT ISSUED PURSUANT TO RULE 7.3 AND VIABILITY STATEMENT ISSUED PURSUANT TO RULE 10.2

To: (Name and Address of Depositor or Attorney)

DuPont Company
Attn: Kyungok Wun-Kim
DuPont Experimental Station
E301/317
Willmington, DE 19880

Deposited on Behalf of: DuPont Company

Identification Reference by Depositor: Methylomonas: Methylomonas 16a sp. Patent Deposit Designation PTA-2402

The deposit was accompanied by: __ a scientific description a proposed taxonomic description indicated above.

The deposit was received August 22, 2000 by this International Depository Authority and has been accepted.

AT YOUR REQUEST: X We will inform you of requests for the strain for 30 years.

The strain will be made available if a patent office signatory to the Budapest Treaty certifies one's right to receive, or if a U.S. Patent is issued citing the strain, and ATCC is instructed by the United States Patent & Trademark Office or the depositor to release said strain.

If the culture should die or be destroyed during the effective term of the deposit, it shall be your responsibility to replace it with living culture of the same.

The strain will be maintained for a period of at least 30 years from date of deposit, or five years after the most recent request for a sample, whichever is longer. The United States and many other countries are signatory to the Budapest Treaty.

The viability of the culture cited above was tested September 8, 2000. On that date, the culture was viable.

International Depository Authority: American Type Culture Collection, Manassas, VA 20110-2209 USA.

Signature of person having authority to represent ATCC:

Frank Simi ne, Director, Patent Depository

cc: S. Neil Feltham (Ref: Docket r Case N .: BC-1039)

Date: November 16, 2000